IFW

May 21, 2004

To: Commissioner for Patents
    P.O.Box 1450
    Alexandria, VA 22313-1450

Fr: George O. Saile, Reg. No. 19,572
    28 Davis Avenue
    Poughkeepsie, N.Y. 12603

Subject: | Serial No.   10/804,657   03/19/04 |

                            Monsong Chen et al.

                            A HARDWARE INDEPENDENT HIERARCHICAL
                            CLUSTER OF HETEROGENEOUS MEDIA
                            SERVERS USING A HIERARCHICAL COMMAND
                            BEAT PROTOCOL TO SYNCHRONIZE DIS-
                            TRIBUTED PARALLEL COMPUTING SYSTEMS
                            AND EMPLOYING A VIRTUAL DYNAMIC
                            NETWORK TOPOLOGY FOR DISTRIBUTED
                            PARALLEL COMPUTING SYSTEMS
                            |___   ___|

INFORMATION DISCLOSURE STATEMENT

Enclosed is Form PTO-1449, Information Disclosure Citation

In An Application.

The following Patents and/or Publications are submitted to

comply with the duty of disclosure under CFR 1.97-1.99 and

37 CFR 1.56.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being
deposited with the United States Postal Service as first class
mail in an envelope addressed to: Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450, on May 24, 2004.

Stephen B. Ackerman, Reg.# 37761

Signature/Date _____ 5/24/04

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U.S. Patent 5,805,821 to Saxena et al., "Video Optimized Media Streamer User Interface Employing Non-Blocking Switching to Achieve Isochronous Data Transfers," teaches a video optimized media streamer user interface employing non-blocking switching to achieve isochronous data transfers.

U.S. Patent 5,550,577 to Verbiest et al., "Video on Demand Network, Including a Central Video Server and Distributed Video Servers with Random Access Read/Write Memories," illustrates a video on demand network, including a central video server and distributed video servers with random access read/write memories.

U.S. Patent 5,712,976 to Falcon, Jr. et al., "Video Data Streamer for Simultaneously Conveying Same One or Different Ones of Data Blocks Stored in Storage Node to Each of Plurality of Communication Nodes," illustrates a video data streamer for simultaneously transferring data blocks stored from a storage node to any of multiple communications nodes.

U.S. Patent 6,101,547 to Mukherjee et al., "Inexpensive, Scalable and Open-Architecture Media Server," describes an inexpensive, scalable and open-architecture media server.

"Performance Evaluation of QuickVideo OnDemand (QVOD) Server," InfoValue Computing, Inc. Technical Report IV-TR-QVOD-1999-07-1-1, July 8, 1999, InfoValue Computing, Inc., Elmsford, NY, describes a video on-demand system developed for high performance, effective and flexible, network-based, on-demand sharing of videos.

"Network Video Computing Via QuickVideo Suite," InfoValue Technical White Paper, InfoValue Computing, Inc., Elmsford, NY, 1999, describes Network Video Computing the core of which is video streaming.

"Web Distribution Systems: Caching and Replication" Chandbok, Ohio State University, 1999, found:

http://www.cis.ohio-state.edu/~jain/cis788-

99/web_caching/index.html

8/15/00, provides an overview of the current techniques for caching and replication of digital data on computer systems interconnected through a global or local digital communication network.

Sincerely,

Stephen B. Ackerman,
Reg. No. 37761

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional): IV-00-003.X

Application Number: 10/804,657

Applicant: Mansong Chen et al.

Filing Date: 03/19/04

Group Art Unit:

Stamp: MAY 26 2004 — PATENT & TRADEMARK OFFICE

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5805821	9/8/98	Saxena et al.	395	200.61	8/5/97
	5550577	8/27/96	Verbiest et al.	348	7	5/19/94
	5712976	1/27/98	Falcon, Jr. et al.	395	200.09	9/8/94
	6101547	8/8/00	Mukherjee et al.	709	231	7/14/98

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

— "Performance Evaluation of QuickVideo OnDemand (QVOD) Server", InfoValue Computing, Inc., Tech. Report IV-TR-QVOD-1999-07-1-1, July 8, 1999, InfoValue Computing Inc, Elmsford, NY.

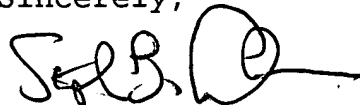— "Network Video Computing Via QuickVideo Suite", InfoValue Tech. White Paper, InfoValue Computing, Inc., Elmsford, NY, 1999.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

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OTHER DOCUMENTS   *(Including Author, Title, Date, Pertinent Pages, Etc.)*

—	"Web Distribution Systems: Caching and Replication" Chandbok, Ohio State University, 1999, found: http://www.cis.ohio-state.edu/~jain/cis788-99/web-caching/index.html , 8/15/00.

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